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DEPARTMENT OF THE ARMY OFFICE OF THE ADJUTANT GENERAL WASHINGTON, D.C. 20310

AGDA (M)(11 Jun 70)

FOR OT UT 701313

25 June 1970

SUBJECT: Operational Report - Lessons Learned, Headquarters, 62d Maintenance Battalion, Period Ending 31 January 1970 (U)

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US Army Mobility Equipment Research & Development Center
62d Maintenance Battalion

DEPARTMENT OF THE ARMY.
HEADQUARTERS, 62D MAINTENANCE BATTALION (DS)
APO SAN FRANCISCO 96318

#### AVCA-QN-PK-MNT-O ·

SUBJECT: Operational Report - Lessons Learned 62d Maint Bn (DS) Period ending 31 January 1970, RCS CSFOR - 65 (R2).

THRU: Commanding Officer, 45th GS Gp ATTN: AVCA-QN-PK-GO APO 96318

Commanding General, United States Army Support Command, Qui Nhon ATTN: AVCA-QN-GO-H APO 96238

Commanding General, 1st Logistical Command, ATTN: AVCA-GP-0, APO 96348

Commanding General, United States Army, Vietnam, ATTN: AVHGC-DST, APO 96357

Commander-in-Chief, United States Army, Pacific, ATTN: GPOP-OT, APO 96558

Assistant Chief of Staff For Force Development, Department of the Army, Washington D.C. 20310

- 1. (C) Section 1, Operations: Significant Activities.
- a. The Battalion was engaged in mission operations for ninety-two (92) days of the reporting period.
- b. Key personnel changes effected during the reporting period were as follows:
- (1) On 26 November 1969, CPT David C. Kelly, assumed duties as Battalion Operations Officer replacing CPT Jeffrey L. Jordan, who assumed duties as assistant Operations Officer.
- (2) Om 22 December 1969, CPT George McLouth, assumed duties as Adjutant replacing CPT Thomas Dickinson, who assumed duties as Commanding Officer, 794th Maintenance Company.
- (3) On 20 January 1969, MAJ Earl D. Oliver, Battalion XO, was reassigned to USAD, QN.
- (h) On 21 January 1970, MAJ John F. Ferrick, assumed duties as the Battalion XO.
- (5) On 26 January 1970, 1LT Stuart G. Mandel, was assigned to the Battalion and assumed duties as Adjutant.

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## c. Personnel, Administration, Morale and Discipline.

- (1) Personnel Status as of 31 January 1970, is attached as inclosure 1.
- (2) The 62d Maintenance Battalion (DS) has had a normal personnel turnover during the last quarter.
- (3) Effort continued during the period to reduce and contain the use of marijuana and bring troop conduct, discipline, morale and living conditions to the highest possible standards in all companies. The objectives have been met in all areas.
- (4) Construction of the Logistical Center swimming pool was delayed beyond the November target date because of periodic rainfalls. The pool is 95% complete and should open in mid-February 1970.
- (5) Post Exchange facilities were expanded during the reporting period and now include a beverage sales store and concessionaire building.
- (6) An active program of inter-company athletics was started and resulted in a definite morale increase through competition and unit pride.

### d. Operations:

- (1) Heavy emphasis was placed on roads and ground improvement throughout the compound utilizing troop labor. Progress has been made, although much work remains before the monsoons which start in April & May. This effort will take more time due to the loss of the 510th Engineer Company.
- (2) Organizational maintenance was unsatisfactory fallowing the monsoons in August, Maximum attention was given to this area with each company receiving two pre-CMMI's by the battalion I&A Team. Today all companies are prepared to pass a CMMI.
- (3) The Battalion's production for the reporting period was excellent in all supported commodities. The major impairment to production has been a shortage of repair parts. The production summary is attached as inclosure 2.

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- (4) In early November 1969, one maintenance phatoon of the 618th Maintenance Company (GS) was sent PCS to the 5th Maintenance Battalion. With the loss of this plateon, the armament, small arms and instrument repair shops, together with the shop office and the one remaining Maintenance Platcon, were moved to a central location to reduce overhead and make more mechanics available for production.
- (5) In November 1969, responsibility for defense of the Log Center, which is occupied by this Battalion, the 88th S&S En, and the 188th Ord Ammo Company, was assigned to the Commanding Officer of the 62d Maintenance Battalion.
- (6) Emphasis was placed on eliminating many cutside multiple storage locations in the Technical Supply Activity. The effort was completed in December and followed by a 100% inventory. The activity is now in a position where it can concentrate on improving and refining internal procedures and increase its effectiveness. To improve support of signal repair parts, they are being separately located. Emphasis is also being given to the Country Store to reduce the lines at zero balance.
- (7) During December an intensive supply management program was established to obtain the repair parts for direct exchange items. This effort was highly successful and reduced the backlog from a high of 2644 items at the end of December to a low of 746 items by the end of January. Production increased from 2845 in December to 4192 in January.
- (8) The 119th Light Maintenance Comapany regained the use of the entire shop building for DS operations. This took place at the end of the monsoons when the HMS Motor Pool was able to utilize their own maintenance area. The 119th was given full responsibility for the wheel vehicle DS Maintenance mission for the tattalion.
- (9). The Collection and Evacuation Yard reduced tire backlog from a peak of 4500 to near-zero through turning and retrograding.
- (10) The 618th Heavy Equipment Maintenance Company was redesignated the 794th Maintenance Company in January 1970.
- (11) In December a complete Technical Supply inventory was conducted resulting in 4,677 lines being returned to the supply system.
- (12) The Battalion S-4 section became more effective with the assignment of an authorized S-4 NCO and two clerks. With the additional personnel, the section has been able to conduct inspections of all company areas and assist in corrective action for all deficient areas. This guidance has produced a noticeable rise in receipt of supplies and improvement in company supply functions.

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#### a. Training and Organization.

- (1) Thirty-one (31) hours of mandatory training subjects, as outlined by USASUPCOM, QNH, Reg 350-1, dated 20 June 1969, were scheduled for all personnel within the battalion. All newly arrived personnel were sent to the 4th Infantry Division's Training Center for In-Country Training.
- (2) Increased emphasis was placed on physical security by additional classes on claymore mines and other defensive weapons.
- (3) The battalion mortar crew was trained by the 4th Division in proper boresighting techniques and extended range target engagements.
- (h) Continuing emphasis was placed on the training of the battalion security and recon platon. Their mission includes the conduct of sweeps beyond the perimeter, control of all compound access gates, traffic and troop conduct in the Logistical Center Compound. It also carries the vital mission of reaction and back-up support during defensive operations and standoff attacks. The training has been highly effective, bringing the platoon to peak performance. Morale is high with platoon members requesting extensions and other personnel in the Battalion volunteering for assignment to the platoon.

### f. Intelligence.

Intensive daylight sweeps of the battalion perimeter and adjacent areas were made during the reporting period. The purpose of these tweeps and patrols is to locate signs of enemy activity to include tunnels, caches of supplies and equipment, and unexploded ordnance.

#### g. Logistical.

- (1) The battalion has submitted requests for sandbags concertina wire and engineer stakes. These items are required in the continual upgrading and improvement of the Log Contor parlmeter and bunker areas.
- (2) The battalion has submitted work requests to PA&E contractors to improve all shop areas in preparation for the upcoming monsoons. Without this work being accomplished prior to the monsoons, a possible cutback in production output may be realized due to adverse working conditions (standing water in shop floor areas, etc).

#### h. Inspections.

Headquarters and Main Support Company received and failed a Command Maintenance Management Inspection during the reporting period.

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- 2. Section 2, Lessons Learned, Commanders Observation, Evaluation and Recommendation
  - a. Personnel:
    - (1) ITEM: Malassignment of critical personnel.
- (a) OBSERVATION: The present MTOE for the 484th Signal Detachment 11-500D authorizes MOS 26C Ground Surveillance Radar Repairman as opposed to the required MOS 26B Weapons Support Radar Repairman. The 62d Maint Bn, Headquarters and Main Support Company is receiving 26D Ground Jontrol Radar Repairmen in New of the MTOE authorized 26B repairmen.
- (b) FVAIUATION: The mission of the 184th Signal Detachment specifically includes support of counter-mortar radar and which in turn requires the 26B repairmen. The present MTCE of this detachment authorizes two (2) 26C slots but misquotes the MCS job description as Weapons Support Radar Repairmen whereas AR 611-201 defines the job description for MCS 26C as Ground Surveillance Radar Repairmen. The receipt of MCS 26C by the 184th Signal Detachment and MCS 26D by HMS is jeopardizing the capability of this battalion to support its counter-mortar radar density. Cross training is virtually impossible due to the high specialization of training and the tactical situation.

## (c) RECOMMENDATIONS

- (1) That MTOE (11-500D PAC 16/67) be changed immediately to authorize 26B slots.instead of 26C.
- (2) That careful attention be paid to MOS description and mission requirements before highly specialized personnel are assigned to this battalion.
  - (2) ITEM: Engineer Refrigeration and Power Generator Repairmen.
- (a) OBSERVATION: Shortage of qualified advanced trained 51L Refrigeration repairmen and 52D Power Generator Repairmen.
- qualified in these MOS's down time for this equipment has increased and the quality of work on site is questionable. This dattalion supports a density of 986 Refrigeration Items and 1064 Generators with much of the required DS Repairs performed on site at such locations as remote artillery fire bases, special forces camps, MACV Teams, etc. Repairmen are usually flown to these sites by whopper and in most cases work alone. This requires a fully qualified repairmen.
- (c) <u>RECOMMENDATION</u>: That personnel assigned to direct support units be fully qualified in their MOS and that these skilled repairmen be placed in authorized MOS positions.
  - b. Intelligence: None
  - c. Operations: None
  - d. Organization: None

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- e. Training: None
- f. Logistics:
- (1) ITEM: Issue Priority Designator (IPD) 05 MILSTRIP Requisitions for Radar Parts (Class IX).
- (a) OBSERVATION: An abnormally lar e volume of requisitions placed into the sun by system are customer requests of IPD 05 which are passed due to zero balance in the DSU account. Statistical data compiled for a two month period on requisitions for line items on the Authorized Stockage List (ASL) revealed the following breakdown; 8% were passed customer requests of IPD 02 (Red Ball Requests included); 61% were passed customer requests of IPD 05; 31% were DSU replanishment requisitions of IPD 12. During the same period the account demand satisfaction was 51% and the ASL zero balance was 48%. The large volume of passed 05 requests is a direct result of the low demand satisfaction which in turn is closely related to the high zero balance rate.
- (b) EVALUATION: The large number of requisitions for small quantities of an item (primarily passed 05's) has increased the workload in the DSU's receiving and stock records section. It must be assumed that the processing and shipping of the same requisitions has increased the workload on the supply system. If a system were instituted, whereby customer requests of IPD 05 were back-ordered against the DSU's incoming stock, a workload reduction of 30% would be achieved in the stock records section. The workload on the supply system would be reduced accordingly. To preserve the urgency of need indicated by the customer's IPD 05 request, the DSU replenishment requisition IPD should be raised from 12 to 05. This procedure would also assist the DSU in lowering the zero balance rate and increasing demand satisfaction.
- (c) RECOMMENDATION: That when a DSU Technical Supply Activity's demand satisfaction Talls appreciably below the Army goal of 85%, customer requests of IPD 05 be back-ordered and the DSU replenishment priority be raised to 05. The recommended point at which this procedure is to be implemented would be when demand satisfaction falls below 70%.
  - (2) ITEM: Requirement for additional data processing support.
- (a) OBSERVATION: The NCR 500 system of stock accounting is baseed on the use of punched cards and individual magnetic ledgers. There is no
  capability within the system for conversion of information contained on the
  punched cards to 80 column machine printouts or to multipart form such as

  DD Form 1348-1. While significant magagement data exists in the information contained on punched cards, it remains difficult to use while in this form. Customer reconciliations are to be performed by duplicating the punched cards in the
  due-out file and furnishing the duplicates to the customers' document register.
  This procedure requires up to 50 hours of NCR 500 on-line time for the machine.
  In addition, the punched cards comprising the reconciliation deck are bulky,
  easily lost and difficult to use by the customer.

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- (b) EVALUATION: Through the use of high speed printers, the management information contained on 40,000 to 50,000 punched cards can be printed, totaled and otherwise reduced to significant management data in a matter of hours. Reconciliation lists can be printed in 1 to 2 hours. DD Forms 1348-1 can be printed in a fraction of the time required to type or make them by hand.
- (c) RECOMMENDATION: That all DSU/GSU units, equipped with the NCR 500 system, be provided vith additional data processing support by assigning this responsibility to the nearest government facility having such capability.
  - g. Communications: None
  - h. Materiel:
    - (1) ITEM: Unserviceable Tires
- (a) OBSERVATION: The procedure for retrograding unserviceable tires from the C&E Yard had previously been to ship by line haul, regardless of repairability to CC&S for further classification over 100 miles away.
- (b) EVALUATION: Clarification was obtained from Qui Nhon Support Command, AC of Sketrograde on the burning of unserviceable, non-repairable tires at this location. This resulted in a reduction of labor and transportation cost.
- (c) RECOMMENDATION: That the classification and destruction of unserviceable, nonrepairable tires be accomplished at the lowest level possible.
  - (2) ITEM: Autofrettaged 175mm Gun Tures (M113E1)
- (a) OBSERVATION: This battalion participated in a test for service life of the subject tube.
- (b) EVALUATION: The general evaluation was that these tubes are condemmed by wear (widening of bore) and not metal fatigue (cracking). Currently, the criteria for condemnation is found soley in the number of Effective Full Charges fired.
- (c) <u>RECOMMENDATION</u>: That the program for determining the useful Tife of these tubes be changed from a certain number of Effective Full Charges fired to a continous monitoring of bore wear.

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3. (U) Section 3, Headquarters, Department of the Army Survey Information; None

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GEORGE A ARMSTRONG LTC, OrdC Commanding

AVCA-N-PK-CO (22 February 1970) 1st Ind SUBJECT: Operational deport of the 52d Maint Bn (DS) for Period Ending 31 January 1970, (ACS CSFOM-65) (M-2) (U)

DA, HQ, 45th General Support Group, Art 96318 21 February 1970

Thru: Commanding General, USASUFUCM, And, Alin: AVCA-A-GC-H AFC 96238

- TO: Commanding General, 1st Log Jemmand, APIN: AVJA-GO-O ARO 96307
- 1. (U) The besic report has been reviewed by this leadquarters.
- 2. (U) Concur with inclosed report.

MAR PHE COMPANDERS

rel: 2528/2595

AOBERT H. SC.WIDT CPT, FA Adjutant

AVCA N-GC-H (20 Feb 70) 2d Ind SUBJECT: Operational Report of the 62d Maintenance Battalion (DS) for the Period Ending 31 January 1970 RCS CSFCM-65 (R2) (U)

DA, HEAD WARTERS, US army Support Command, Qui Nhon, APO .96238 . 4 EBr 70

TU: Commanding General, 1st Logistical Command, ATTN: AVCA GU-U, APC 96304

- 1. (U) The Operational Report Lessons Learned of the 62d Maintenance Battalion for the quarterly period ending 31 January 1970 has been reviewed by this headquarters and the following comments are submitted:
- a. SLCTIch 2, paragraph 2 a (1): Concur. Responsibility for initiating change to HTCL rosts with reporting unit. The unit has been so advised.
- b. SECTION 2. paragraph 2 a (2): Concur. There is a command shortage in mCS 52D; however, the command has its authorized strength in mCS 51L. Some of these 51L are assigned to 8th Trans Up to repair their reefer vans.
- c. SECTION 2, paragraph 2 f (1): Nonconcur. Priority replenishment for DSU/CSU is set by AR 725-50.
- d. SECTION 2, paragraph 2 f (2): Nonconcur. Additional data processing support cannot be given to these units at this time. Depot is the only facility having such capability, and the suphasis on cycle output cannot be decreased at this time without having an adverse effect. Eachine time will not permit additional load because of present commitments.
- e. SECTION 2, paragraph 2 h (1): Concur. The 62d maintenance mattalion is the lowest support level in the Pleiku area that has a tire inspection and classification capability. The program at this level will be continued.
- f. SLCTICN 2, paragraph 2 h (2): Concur. Receipt of unclassified USARV message AVhGD-min, dated 120318Z Feb 70, instructed that pullover gauge readings be taken at 700, 1000 and 1200 EFC and that the tube of condemned at 1200 EFC or 0.200 inches of nore wear whichever occurs first.
- 2. (U) The report is considered adequate as modified by the above comments.

FOR THE CLAPATIDER:

TEL: 31 2161

G. L. LATHORN

CPT, AGC

Asst Adjutant General

AVCA GO-MH (20 Feb 70) 3rd Ind SUBJECT: Operational Report - Lessons Learned of the 62nd Maintenance Bn for period ending 31 January 70 RCS CSFOR-65 (R2)(U)

- DA, Headquarters, 1st Logistical Command, APO 96384 4 APF 1970
- TO: Commanding General, United States Army, Vietnam, ATTN: AVHGC-DST, APO 96375
- 1. The Operational Report Lessons Learned submitted by Headquarters, 62nd Maintenance Bn for the quarterly period ending 31 January 70 is forwarded.
- 2. Pertinent comments follow:
- a. Reference item concerning malassignment of critical personnel, page 5, paragraph 2a(1). Concur. The primary action involved in this problem requires change to MTOE which must be initiated at unit level. Action by USASUPCOM, QUI Nhon is deemed proper. As to the assignment of personnel to this organization, the Support Command also has the primary control in insuring proper assignment, and utilization of personnel in this unit. Records indicate shortages in MOS 26B and MOS 26C, whereas there are overages in MOS 26D.
- b. Reference item concerning shortage of engineer refrigeration and power generator repairmen, page 5, paragraph 2a(2). Concur. Comments and actions taken by USASUPCOM, QNH are deemed sufficient. Command shortages exist in both MOS's hence no immediate relief is in sight.
- c. Reference item concerning issue priority designator (IPD) 05 MILSTRIP requisitions for radar parts, page 6, paragraph 2f(1). Nonconcur. DSU's now have the authority to use a Red Ball Expanded requisition to order 25% of their requisitioning objective on lines that reach zero balance. This procedure, if used properly, will do more to raise the demand satisfaction than will the back ordering of customer, requisitions.
- d. Reference item concerning requirement for additional data processing support, page 6, paragraph 2f(2). Nonconcur. It is true that the system makes no provision for printing hard copy reports. If such a need exists it should be documented and submitted for consideration in accordance with procedures outlined in US Army Quartermaster School ST 10-38-7111-1 and LC Reg 18-1. In spite of its relative inflexibility, the system can be changed to make it more responsive. Requiring the depots to provide support to DSU/GSU units is not practical. Any additional capability required by such units should be made a part of the standard system.

AVCA GO-MH (20 Feb 70) 3rd Ind SUBJECT: Operational Report - Lessons Learned of the 62nd Maintenance En for period ending 31 January 70 RCS CSFOR-65 (R2)(U)

3. Concur with the basic report as modified by this and previous indorsements. FOR THE COMMANDER:

TEL: LBN 4862

M. E. CLARK

CPT, AGC Asst AG

CF: USASUPCOM, QNH 45th GS GP 62nd Maint. Bn

1 9 APR 1970

AVHGC-DST (undated) 4th Ind SUBJECT: Operational Report - Lessons Learned 62d Maint En (DS) Period ending 31 January 1970, RCS CSFOR - 65 (R2)

Headquarters, United States Army, Vietnam, AFO San Francisco 96375

- TO: Commander in Chief, United States Army, Facific, ATTN: GPOP-DT, APO 96558
- 1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 January 1970 from headquarters, 62d Maintenance Battalion (DS) and comments of indorsing headquarters.

#### 2. Comments follow:

- a. Reference item concerning "Additional Data Processing Support", page 6, paragraph 1(2): nonconcur. The NCR 500 system is designed to accomplish the monthly reconciliations indicated. One of the most important requirements for an automated DSU/GSU system is mobility. The assignment of key data processing functions to an external agency would cause unnecessary turnoil in cases where data prepared for NCR 500 managers suddenly was no longer available. The introduction of equipment to accomplish the additional printing desired would more than double the monthly cost of the DSU/GSU system without materially improving supply performance. Unit has been so advised. No action by DA or USARPAC is recommended.
- b. Reference item concerning "Unserviceable Tires", page 7, paragraph hs nonconcur. USARV tire policy states that CRC F and CRC H tires will be retrograded to CC&S activities in order to gain maximum control over tires, provide better inspection and classification and discourage disposing of tires which may be recappable. Unit was informed of USARV policy. No further action is required.
- c. Reference item concerning "Autofrettaged 175mm Gun Tubes(Mi13E1)", page 7, paragraph h(2): nonconcur with basic recommendation and concur with ist, 2nd, and 3rd Indorsements. The condemnation criterion of 1200 EFC rounds or 0.200 inch bore wear is an interim rate. The interim rate was granted at USARV's request to minimize cost and troop exposure during tube replacement operations while remaining within the confines of troop safety during firing operations. Since the interim approval has been in effect for such a short time, it is not practical to change the policy at the present time. Unit has been so advised. No further action is required. FOR THE COMMANDER:

Cy furn: 1st Log Comd 62d Maintenance Bn GPOP-DT (Undtd) 5th Ind (U)
SUBJECT: Operational Report of HQ, 62d Maintenance Battalion (DS) for Period Ending 31 January 1970, RCS CSFOR-65 (R2)

HQ, US Army, Pacific, APO San Francisco 96558 25 APR 70

TO: Assistant Chief of Staff for Force Developments, Department of the Army, Washington, D. C. 20310

This headquarters concurs in subject report as indorsed.

FOR THE COMMANDER IN CHIEF:

D.D. CLINE

2LT, AGC

Asst AG

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OPERATIONAL REPORT FOR QUARTERLY FERIOD ENDING 31 January 1970

62D MAINT BN (DS)

PERSONNEL STATUS AS CF 31 January 1970

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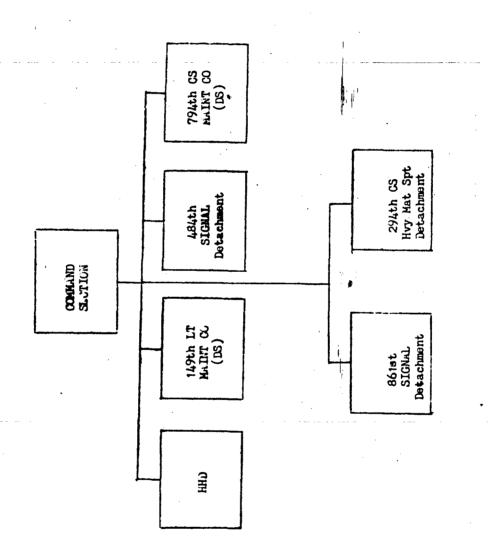
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